

METHODS AND APPARATUS FOR MANAGING NETWORK TRAFFIC
USING NETWORK ADDRESS TRANSLATION

ABSTRACT OF THE DISCLOSURE

5 A method manages network traffic using NAT in a data communications device
having a NAT data structure (e.g., a NAT table). The method includes the step of
creating, in the NAT data structure, a first entry to coordinate a first data flow from a
server to a client (e.g., a video channel or an audio channel of an RTSP session), and
concurrently creating a second entry to coordinate a second data flow from the client to
10 the server (e.g., a video control channel or an audio control channel of the RTSP
session). The method further includes the steps of conveying a data element (e.g., a
UDP packet) of the first data flow from the server to the client based on the first entry,
and conveying a data element of the second data flow from the client to the server based
on the second entry.

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